SHEET 1 OF 6

MAY 1 8 2001 INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO. SERIAL NO. A-67209-4/RMS/DCF

09/816,651

APPLICANT WALT et al.

FILING DATE

GROUP

PTO-1449 March 23, 2001 Not Yet Assigned U.S. PATENT DOCUMENTS **EXAMINER'S** FILING DATE INITIALS PATENT NO. DATE NAME SUBCLASS CLASS 4,200,110 4/1980 1 Peterson et al. 2 7/1987 4,682,895 Costello 3 4,785,814 11/1988 Kane 4 5,518,883 5/1996 Soini 5 4,999,306 3/1991 Yafuso et al. 6 5,302,509 4/1994 Cheeseman 7 10/1994 5,357,590 Auracher 8 5,435,724 7/1995 Goodman et al. 9 5,481,629 1/1996 Tabuchi 10 5,575,849 11/1996 Honda et al. 6/1997 11 5,639,603 Dower et al. 12 4,824,789 4/1989 Yafuso et al. FOREIGN PATENT DOCUMENTS EXAMINER'S Translation INITIALS PATENT NO. DATE COUNTRY SUBCLASS Yes 13 97/14928 4/1997 PCT 00/04372 14 1/2000 **PCT** 15 99/67414 PCT 12/1999 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995). 16 Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc. 2388:568-17 573 (1995). Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-18 1248 (April 1998). Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).

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ATTY. DOCKET NO. A-67209-4/RMS/DCF

SERIAL NO. 09/816,651

SHEET 2 OF 6

APPLICANT WALT et al.

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PTO-1449				March 23, 2001 Not Yet Assigned					
			U.S.	PATENT DOCUMENTS					
EXAMINER'S INITIALS		PATENT NO. DATE		NAME	CLA	SS	SUBCLASS	FILING DATE	
M	20	5,863,708	1/1999	Zanzucchi et al.	$ \top $		\		
	21	5,656,241	8/1997	Seifert et al.					·····
	22	4,499,052	2/1985	Fulwyler	1				
	23	5,244,813	9/1993	Walt et al.	77				
	24	5,250,264	10/1993	Walt et al.	11				
	25	5,252,494	10/1993	Walt					
	26	5,254,477	10/1993	Walt	11				
	27	5,298,741	3/1994	Walt et al.	11	····			
7	28	5,633,972	5/1997	Walt et al.	1				
	29	5,320,814	6/1994	Walt et al.					
W	30	5,512,490	4/1996	Walt et al.					
			FOREIG	N PATENT DOCUMENTS		1			
XAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLAS		SUBCLASS	Transla Yes	tion No
M	31	0 478 319	4/1992	EP	1		\ \	res	NO.
	32	0 723 146	7/1996	EP			1		
	33	0 269 764	6/1988	EP	17				
	34	89/11101	11/1989	PCT	1				<u> </u>
	35	93/02360	2/1993	PCT	1 1				
	36	97/14028	4/1997	PCT	1				
	37	97/40385	10/1997	PCT	 	abla		·	
	38	98/40726	9/1998	PCT	 	H			
7	39	98/53093	11/1998	PCT	 -	\forall			
m	40	98/53300	11/1998	PCT	†	\parallel	- \		
XAMINER			n	DATE CONSIDERED			11/03)	L

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ATTY. DOCKET NO. A-67209-4/RMS/DCF SERIAL NO. 09/816,651

APPLICANT WALT et al.

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PTO-1449				March 23, 2001	March 23, 2001 Not Yet Assigned			
			U.S	PATENT DOCUMENTS				
EXAMINER'S INITIALS PAT		PATENT NO. DAT		NAME	CLASS	SUBCLASS	FILING DATE	
1/2	41	5,143,853	9/92	Walt	1			
	42	5,244,636	9/93	Walt et al.	1		· · ·	
	43	5,690,894	11/97	Pinkel et al.	1	111		
	44	5,516,635	5/96	Ekins et al.				
	45	5,002,867	3/1991	Macevicz	11			
	46	5,105,305	4/1992	Betzig et al.	1			
	47	5,028,545	7/1991	Soini	11			
	48	5,496,997	3/1996	Pope	1		····	
	49	5,573,909	11/1996	Singer et al.		 		
	50	5,194,300	3/1993	Cheung		 		
	51	5,132,242	7/1992	Cheung	1-1-			
	52	5,494,798	2/1996	Gerdt et al.				
	53	5,565,324	10/1996	Still et al.	1-1-		<u>,</u>	
	54	5,900,481	5/1999	Lough et al.				
	55	5,888,723	3/1999	Sutton et al.	1	1 1		
M	56	5,380,489	1/1995	Sutton et al.	1			
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XAMINER'S		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
N	57	0 392 546	10/1990	EP	1	1	160 NO	
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ATTY. DOCKET NO. A-67209-4/RMS/DCF SERIAL NO. 09/816,651

APPLICANT WALT et al.

FILING DATE March 23, 2001 GROUP Not Yet Assigned

EXAMINER'S							FILING DATE
INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	
N	58	4,822,746	4/1989	Walt	1		
W	59	5,114,864	5/1992	Walt	1		
W	60	5,814,524	10/1998	Walt			
			FOREI	GN PATENT DOCUMENTS			

I VV	60	5,814,524	10/1998	Walt				
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EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
M	61	99/18434	4/1999	wo	V CLASS	SUBCLASS	Yes	No
	62	00/39587	7/2000	WO	1			1
	63	96/03212	02/1996	wo				
	64	98/13523	04/1998	wo				
	65	98/50782 •	11/1998	wo		-		
	66	99/60170	11/1999	WO				
	67	99/67641	12/1999	wo				
	68	00/13004	03/2000	wo				1
	69	00/16101	03/2000	wo				
	70	00/47996	08/2000	wo				
	71	00/48000 •	09/2000	wo			·	
	72	00/63437 •	10/2000	WO				
	73	00/71243	11/2000	wo				
	74	00/71995 -	11/2000	wo				
M	/ 75	00/75373 -	12/2000	wo				
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EXAMINER'S INITIALS		PATENT NO.	DATE		NAME	CLASS	SUBCLASS		FILING DATE	
M	76	5,474,895	12/1995	Ishii et al.						
	77	5,679,524	10/1997	Nikiforov et	al.					
	78	5,840,256	11/1998	Demers et a	1.					
	79	5,854,684	12/1998	Stabile et al.		11-				
	80	5,858,732	01/1999	Solomon et	al.					
	81	6,023,540	02/2000	Walt et al.		1				
	82	6,051,380	04/2000	Sosnowski e	et al.					
	83	6,172,218	01/2001	Brenner		11				
	84	6,083,763	07/2000	Balch						
	85	5,660,988	08/1997	Duck et al.	<u> </u>					
	. 86	6,030,581	02/2000	Virtanen	· · · · · · · · · · · · · · · · · · ·					
	87	6,074,754	06/2000	Jacobson et a	al.					
W	87a	5,856,083	01/1999	Chelsky et a	l.				and the same of th	
				FOREIGN	PATENT DOCUM	ENTS				
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					g Author, Title, De			**************		
M	88	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).								
	- 89	Anonymous, "Microsphere Selection Guide," Bandg Laboratories, (Fisher, In) September 1998.								
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